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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Shaw, et al.  
Serial No. : Unknown  
Filed : Herewith  
For : FIBER OPTIC AMPLIFIER  
Examiner : J. Lee

#2  
Prel. Andt. A  
Art Unit 251PRELIMINARY AMENDMENT

Hon. Commissioner  
of Patents and Trademarks  
Washington, D.C. 20231

Dear Sir:

Please amend the above-identified application as follows:

IN THE CLAIMS:

Please cancel Claim 1, and add the following new Claims 18-32:

*Subst. B1*  
*A2*  
*Contd*

18. A fiber optic amplifier system, comprising:  
a length of fiber comprised of a material which will  
lase;  
a source of signals at a lasing frequency of said  
material which will lase;  
a source of light for pumping said material which will  
lase;